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**From:** Keller, Lynn [Keller.Lynn@epa.gov]  
**Sent:** 6/30/2016 7:28:58 PM  
**To:** Varljen, Mark [Mark.Varljen@Rocket.com]; jim.rohrer@dtsc.ca.gov; MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]; Santiago-Ocasio, Carmen [Santiago-Ocasio.Carmen@epa.gov]; MacNicholl, Peter@DTSC [Peter.MacNicholl@dtsc.ca.gov]  
**Subject:** RE: IOU Fate and Transport Modeling  
**Attachments:** Aerojet\_FT\_Explicit\_Aqitards\_Comments\_12April2012.pdf; Aerojet\_Model\_Update\_Report\_Comments 082710.pdf

Hi, Mark.

As soon as you are able, please send over the most recent (draft?) AR responses to regulator comments related to the OU7 fate & transport model? I need to scope this quickly so if you could send us this info today I'd appreciate it.

The 2 tech memos that CH2MHill provided EPA on AR's modeling approach are attached from Tom Lae, for reference. AR did not respond to the last tech memo sent in April 2012.

Also, we'd like to be sure we have time to review and discuss the compendium you are putting together on the fate and transport modeling prior to our meeting at AR 27-28 July. Mark, could you please send out the compendium to all of us by 6 July?

Thank you!  
Lynn

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**From:** Varljen, Mark [mailto:Mark.Varljen@Rocket.com]  
**Sent:** Wednesday, June 29, 2016 10:55 AM  
**To:** Keller, Lynn <Keller.Lynn@epa.gov>; jim.rohrer@dtsc.ca.gov; MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>; Santiago-Ocasio, Carmen <Santiago-Ocasio.Carmen@epa.gov>  
**Subject:** IOU Fate and Transport Modeling

As part of the IOU RI/FS process, quite a bit of work has already been completed cooperatively with the Agencies regarding development of a groundwater fate and transport modeling approach that will be used in the IOU remedy design and selection process.

It is my understanding that CH2MHill was closely involved with the work completed to date on this topic, and we believe in the interest of moving the IOU RI/FS forward without unnecessary delay and expense, that we should attempt to finalize the approach while CH2MHill is still able to provide support.

To that end, I would like to propose that we schedule a special IOU modeling meeting in conjunction with the next scheduled Technical Meeting which I believe is to be held the last week of July.

In preparation for this meeting, we will prepare a summary of work completed to date, including a document index, and list the outstanding issues that we believe still require attention. This would be distributed prior to the meeting. Since

many of us are new to the project, this meeting will be an opportunity for us all to be briefed on the modeling work completed so far, as well as provide an opportunity to discuss the outstanding issues and hopefully agree on steps to be taken to address the remaining issues

Please let me know if this approach is agreeable, and specifically what dates and times would be best for this meeting. I believe we should allow at least two hours for the meeting. Our preferred dates are July 27 or 28<sup>th</sup>. We will not be available July 29<sup>th</sup>.

Thanks in advance for your consideration.

**Mark D. Varljen**

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